



Substitute for Form 1449 A & B/PTO

PTO/SB/08 A & B (modified)

#11

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number	09/881,662
Confirmation Number	6948
Filing Date	June 15, 2001
First Named Inventor	Kenji TSUKADA
Art Unit	2861
Examiner Name	Vo, ANH TN
Att'y / Docket No.	O64982

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.

#12

Substitute for Form 1449 A & B/PTO				Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/881,662	
(use as many sheets as necessary)				Confirmation Number	6948	
				Filing Date	June 15, 2002	
				First Named Inventor	Kenji TSUKADA, et al.	
				Art Unit	2861	
				Examiner Name	Anh Tn Vo	
Sheet		1	of	3	Attorney Docket Number	Q64982

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
A		US 4,811,595		3/14/1989	Marciiniak et al.
A		US 4,770,038		9/13/1988	Zuckerwar et al.
		US 5,353,631		10/11/1994	Woringer et al.
		US 5,949,447		9/7/1999	Arai et al.
		US 5,774,136		6/30/1998	Barbehenn et al.
OCT 25 2002 PATENT TRADEMARK OFFICE		US 5,712,667		1/27/1998	Sato
		US 6,164,744		12/26/2000	Froger et al.
		US 3,832,900		9/3/1974	Ross
		US 3,703,693		11/21/1972	Levinn
		US 4,403,227		9/6/1983	Bertschy et al.
		US 6,007,190		12/28/1999	Murray et al.
		US 6,312,106		11/6/2001	Walker
		US 6,312,115		11/6/2001	Hara et al.
		US 4,008,612		2/22/1977	Nagaoka et al.
		US 6,390,590		5/21/2002	Hansburg
		US 5,463,377		10/31/1995	Kronberg
		US 5,788,819		8/4/1998	Onishi et al.
		US 5,975,102		11/2/1999	Schalk
		US 6,044,694		4/4/2000	Anderson et al.
		US 6,312,074		11/6/2001	Walker
		US 5,737,963		4/14/1998	Eckert et al.
		US 5,747,689		5/5/1998	Hampo et al.
		US 5,788,388		8/4/1998	Cowger et al.
		US 4,984,457		1/15/1991	Morris
		US 5,315,317		5/24/1994	Terasawa et al.
		US 5,689,288		11/18/1997	Wimmer et al.
		US 5,697,248		12/16/1997	Brown
		US 3,889,247		6/10/1975	Voll
		US 5,586,085		12/17/1996	Lichte
		US 4,984,449		1/15/1991	Caldwell et al.
		US 5,793,705		8/11/1998	Gazis et al.
		US 4,008,612		2/22/1977	Nagaoka et al.
		US 4,107,994		8/22/1978	Sogo
		US 4,419,677		12/6/1983	Kasugayama et al.
		US 4,796,782		1/10/1989	Wales et al.
		US 3,889,247		6/10/1975	Voll

Examiner Signature	Anh Tn Vo	Date Considered	12/10/02
--------------------	-----------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/881,662
				Confirmation Number	6948
				Filing Date	June 15, 2002
				First Named Inventor	Kenji TSUKADA, et al.
				Art Unit	2861
				Examiner Name	Anh Tn Vo
Sheet 2		of 3	Attorney Docket Number Q64982		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴			
A NO 1 P E OCT 25 2002 PATENT & TRADEMARK OFFICE	JP	WO	98/31548	7/23/1998	Hewlett-Packard Company	
	JP	JP	63247047	10/13/1988	Canon Inc.	Yes
	GB	GB	2 304 898	3/26/1997	The Whitaker Corporation	
	WO	WO	98/09139	3/5/1998	The General Electric Company	
	EP	EP	0 873 873	10/28/1998	Hewlett-Packard Company	
	JP	JP	06297726	10/25/1994	Canon Inc.	Yes
	JP	JP	62-95225	5/1/1987	Canon Inc.	Yes
	EP	EP	0 676 624	10/11/1995	Simmonds Precision Products Inc.	
	EP	EP	0 803 364	10/29/1997	Canon Inc.	
	EP	EP	1 088 668	4/4/2001	Hewlett-Packard Company	
	JP	JP	10026549	1/27/1998	Nohken	Yes
	JP	JP	07137276	5/30/1995	Canon Inc.	Yes
	EP	EP	0 853 236	7/15/1998	Smiths Industries Public Limited Co.	
	JP	JP	04135862	5/11/1992	Seikosha Co. Ltd.	Yes
	JP	JP	10-305590	11/17/1998	Matsushita Electric Co., Ltd.	Yes
	WO	WO	99/42293	8/26/1999	Minnesota Mining & Manufacturing Co.	
	EP	EP	0 660 092	6/28/1995	Canon Inc.	
	EP	EP	0 553 535	8/4/1993	Seiko Epson Corporation	
	JP	JP	2000318183	11/21/2000	Sony Corporation	Yes

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁶
A✓		US 2002/0105555, published 8/8/2002 to Tsukada et al.			
A✓		US 2002/0015084, published 2/7/2002 to Tsukada et al.			
A✓		US 2002/0012015, published 1/31/2002 to Tsukada et al.			

Examiner Signature	Anh Tn Vo	Date Considered	12/10/02
--------------------	-----------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/881,662
				Confirmation Number	6948
				Filing Date	June 15, 2002
				First Named Inventor	Kenji TSUKADA, et al.
				Art Unit	2861
				Examiner Name	Anh Tn Vo
Sheet		3	of	3	Attorney Docket Number
					Q64982

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
A		US 5,410,518		4/25/1995	Birkett
		US 4,594,891		6/17/1986	Benz et al.
		US 6,302,527		10/16/2001	Walker
		US 6,050,669		4/18/2000	Yano et al.
		US 6,012,793		1/11/2000	Haigo
OCT 7 5 2002		US 5,877,997		3/2/1999	Fell
		US 4,853,718		8/1/1989	El Hatem et al.
		US 5,035,140		7/30/1991	Daniels et al.
		US 5,583,544		12/10/1996	Stamer et al.
		US 5,619,238		4/8/1997	Higuma et al.
		US 5,675,367		10/7/1997	Scheffelin et al.
		US 3,220,258		11/30/1965	Rod
		US 4,636,814		1/13/1987	Terasawa
PV		US 5,473,353		12/5/1995	Soucemarianadin et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶

Examiner Signature	Anh Tn Vo	Date Considered	12/02
--------------------	-----------	-----------------	-------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.